



Form PTO-1449

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(Use several sheets if necessary)

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09/782,180APPLICANT
SUMIKAWA, et al.FILING DATE
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2814**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DLN	5,155,068	1992-10-13	TADA			
DLN	6,051,877	2000-04-18	USAMI, et al.			
DLN	6,308,938	2001-10-30	FUTAKUCHI			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
DLN	DE 198 13 525 A1	1999-04-08	GERMANY				X
DLN	WO 99/26287	1999-05-27	WIPO				X
DLN	DE 197 40 055 A1	1999-03-18	GERMANY				X

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

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7/18/02

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